AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1.   (currently amended): A router ~~made up~~ comprising:

~~firstly of~~ at least two router modules, only one of which is in an active state at any given time, the ~~others~~ other router modules being in a standby state~~,~~; and

~~secondly of~~ changeover means which causes ~~making it possible to cause~~ one of said other router modules to go from a standby state to an active state ~~when~~ if the router module in the active state stops,

each of said at least two router modules having connections with ~~one or more~~ at least one networks, and having at least one state machine, each state machine managing ~~the~~ an interface associated with one of said connections,

wherein each of said at least two router modules has data storage means which, in the active state, enable ~~it to store~~ storing of data relating to the state of said at least one state machine, ~~when~~ if said at least one state machine is in a stable state, and data retrieval means for retrieving said data ~~when~~ if a changeover ~~takes place~~ occurs.

2.   (currently amended): The router according to claim 1, in which said data is stored by a shared memory that is shared between said at least two router modules.

3.   (currently amended): A-The router according to claim 1, in which said data is

stored by inter-process communications means enabling said at least two router modules to

communicate with one another.

4.   (currently amended): A-The router according to claim 3, in which said inter-

process communications means are a common object request broker architecture software bus-of

the CORBA type.

5.   (currently amended): A-The router according to claim 1, in which each of said at

least two router modules further comprise has-a means for storing data relating to the an

associated interface when said associated interface is created, and a means for retrieving said

data relating to the associated interface when-if a changeover to the active state takes

placeoccurs.

6.   (currently amended): A-The router according to claim 5, in which a-the stable

state is a state from the following list: "Down", "Point to Point", "DROther", "Backup", and

"DR" in thean OSPF-open shortest path first protocol.

7.   (new):   The router according to claim 1, wherein the data retrieval means

retrieves the data by reading the stored data.